

# BAY REGION

The Bay Region includes 13 counties in the Saginaw Bay area. They are: Arenac, Bay, Clare, Genesee, Gladwin, Gratiot, Huron, Isabella, Lapeer, Midland, Saginaw, Sanilac, and Tuscola. Major state trunklines include: I-75, I-69, US-127, US-23 and US-10.

In the Bay Region, a priority is to continue to provide transportation services to the region's agricultural industry, among other things, preserving its status as a sugar beet producer and worldwide exporter of beans. The highways of the Bay Region also serve the Flint, Saginaw, Bay City and Midland industrial centers and serve as primary routes for tourism as well as international trade corridors.

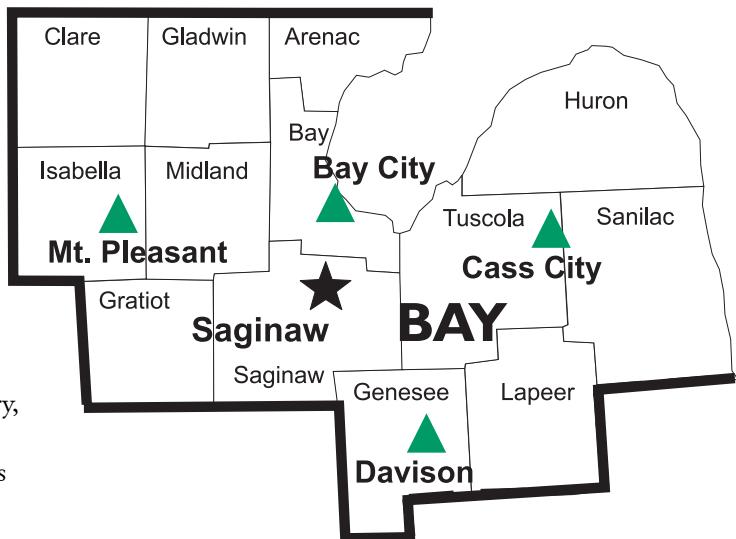
## Past Accomplishments

The Bay Region awarded more than \$353 million in road and bridge funds over the past three years. Major highlights of 2001 are the completion of the reconstruction and capacity improvements to the US-10/Eastman Road Interchange nearly seven months ahead of schedule, the completion of US-23 passing lanes between Standish and Omer in Arenac County, pavement and bridge rehabilitation along I-475 from I-69 northerly to I-75, 22.5 miles of milling and resurfacing work to M-46 from the city of Saginaw westerly to the city of St. Louis in Saginaw and Gratiot Counties, the resurfacing and construction of a passing lane on M-53 from Third Street in Imlay City to the north junction of M-90 in Lapeer County, the milling and resurfacing of 2.3 miles of M-58 in the city of Saginaw and the beginning of construction work on the reconstruction and widening of I-75 from south of the US-10/M-25 interchange northerly through the M-13 Connector in Bay County.

In total, the work in the Bay Region over the past three years resulted in over 313 miles of roadway being resurfaced or reconstructed and 79 bridges being improved or upgraded.

Only two projects announced in 2001 were not completed. They are:

- **I-75: US-10/M-25 to the M-13 Connector.** This project was originally scheduled to be constructed in one season. However, it involved constructing a barrier wall in the median with drainage. No contractor could guarantee the work would be completed in one construction season, so the project was split to be constructed in two seasons.



- **US-127 reconstruction and widening: US-10 to Hatton Road.** By the time the design was completed, the costs exceeded the budget. Other funding sources had to be identified before this project could go to construction. It is currently scheduled for 2002.

## Five-Year Road & Bridge Program

The 2002-2006 five year program of road preservation and capacity improvement work will upgrade more than 275 miles of the Bay Region's more than 1,500 miles over the next five years. Of the region's 1,026 bridges and culverts, 124 (12.1 percent) are scheduled for improvements or repairs from 2002 through 2006. Nearly \$400 million dollars will be invested in the Bay Region in the next five years on these programs alone. In addition, the I-75 Corridor Study in the Flint metropolitan area will examine the long-term needs of this major artery through the region. Capital Preventive Maintenance (CPM) projects, programmed annually, are anticipated for 160 miles of roadway during 2002 where pavements do not require more extensive repairs. This treatment will improve the condition and extend the life of these pavements.

Along with the many preservation, bridge, and CPM projects scheduled, seven roadway improvement projects and three passing lane improvements in the Bay Region are under way or scheduled for construction to begin in the next five years. These projects will mitigate anticipated congestion due to economic and population growth in the region as well as provide better service to motorists and commercial traffic using the main north/south corridor through the region. MDOT anticipates investing more than \$145 million in the Bay Region in the next five years on these programs alone.

## Corridor Improvement Strategies

I-75 is a major tourist route from southeast Michigan to attractions in the north. Project selection strategies in this region will emphasize freeway modernization, with particular attention given to I-75, through safety and operational improvements. MDOT will continue to add capacity for north/south recreational traffic while coordinating efforts to preserve the existing system.

## Capacity Improvements and New Roads

**US-10 dual with US-127 in southern Clare County.** The dual path of US-127 and US-10 beginning at the south Clare County line is scheduled for reconstruction in 2002. The southern two miles of this eight mile project are to receive an additional lane in each direction to help alleviate the merge-weave, or "choke point," problems in an area where the freeways merge together and traffic interchanges with US-127BR and the Clare Welcome Center.

**I-75 Freeway Modernization Projects.** I-75 in Bay Region is improved continuously. Pavement rehabilitation projects are complemented with lane improvements to address capacity issues at specific locations. Current improvements include an additional southbound lane from the M-13 connector to US-10 in Bay County and reconstruction and lane addition from I-475 to the M-57 interchange in Genesee County. Both will be constructed in 2002.

**M-24, south Lapeer County Line to south of I-69.** M-24 will be reconstructed as a four lane boulevard along the nine-mile section from I-69 to the south Lapeer county line. Federal environmental clearance is expected in 2002, and design and right-of-way activities will then begin. Construction will start in 2003 along a detour route to handle M-24 traffic during construction of M-24. The M-24 construction will occur during the 2004 and 2005 construction season.

**M-84, from Saginaw to Bay City.** M-84 from south of Kochville Road in Saginaw County to M-13 (Euclid) in Bay City is scheduled for reconstruction and widening in 2002 and 2003. M-84 will become a five-lane road from south of Kochville to north of Pierce, a four-lane boulevard from north of Pierce to Delta, and a variable, three-to-five lane cross section from Delta to Euclid. This project will reduce congestion and improve off-freeway connections between Saginaw and Bay City. Governor Engler has included funding for this project in his *Build Michigan III* program.

**Northbound I-75/I-69 on-ramps.** Final design and construction of this interchange improvement is on hold pending the completion of the I-75 Corridor Study in the Flint area.

## Research

**US-127 North of St. Johns to Ithaca.** The development of a plan for improvements on US-127 north of St. Johns to Ithaca in Clinton and Gratiot Counties is currently under way. A two-year study to develop the most efficient plan that complies with an existing approved FHWA Environmental Impact Statement is nearing completion. Design activities will begin this year to identify right-of-way requirements necessary for corridor preservation. No construction funds have been identified and no construction dates have been targeted.

## I-69/I-75 Corridor and Intermodal Study in Flint.

MDOT is participating with the Genesee County Metropolitan Planning Commission, the Flint Area Chamber of Commerce, the city of Flint, and the counties of Lapeer, Saginaw, Shiawasse, and St. Clair on an intermodal transportation study that will identify future industrial development and commercial shipping opportunities in the I-69 and I-75 national and international trade corridors. The recommendations from the first of three phases of the study will be finalized in 2002.

## 2002-2006 FIVE YEAR PLAN

### **Repair and Rebuild Roads**

<b>Bay Region</b>	<b>ROUTE (NAME)</b>	<b>BM II</b>	<b>LOCATION</b>	<b>TYPE OF WORK</b>	<b>LENGTH</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
ARENAC	I-75		BAY COUNTY LINE TO US-23	ROADS - RESURFACE AND SHOULDERS	2.399	CON				
ARENAC	I-75		US-23 TO LINCOLN ROAD	ROADS - LONG AND TRANSVERSE JOINT REPAIRS	3.800	CON				
ARENAC	I-75		LINCOLN TO NORTH STERLING ROAD	ROADS - LONG AND TRANSVERSE JOINT REPAIRS	4.200	CON				
ARENAC	M-33		OVER I-75	BRIDGE - APPROACH WORK					CON	
ARENAC	M-33		M-33 OVER I-75	BRIDGE - BRIDGE REPLACEMENT	0.000				CON	
ARENAC	M-61 (CEDAR STREET T)		HOSPITAL TO US-23, STANDISH	ROADS - RECONSTRUCTION	0.603				CON	
ARENAC	M-65		OVER BUM CREEK	BRIDGE - APPROACH WORK					CON	
ARENAC	M-65		M-65 OVER BUM CREEK	BRIDGE - CULVERT REPLACEMENTS	0.000	CON				
ARENAC	M-65 (HALE ROAD)		US-23 THRU TWINING	ROADS - RESURFACING	4.980	CON				
ARENAC	NB I-75		1 MILE NORTH OF STERLING TO OGEMAW COUNTY	ROADS - RESURFACE	8.958	CON				
BAY	M-13 (EUCLID AVENUE)		FISCHER TO WILDER	ROADS - RESURFACE, MILL AND PULVERIZE	2.010	CON				
BAY	M-13 (EUCLID AVENUE)		CASS TO LAFAYETTE	ROADS - RECONSTRUCT, NO WIDENING	0.932	CON				
BAY	M-13 (STATE ROAD)		NORTH CITY LIMITS OF PINCONNING TO WORTH ROAD	ROADS - RESURFACE		CON				
BAY	M-13 (STATE ROAD)		SOUTH OF PINCONNING TO NORTH VILLAGE LIMITS	ROADS - RECONSTRUCT, NO WIDENING	2.860	CON				
BAY	M-15 (TUSCOLA STREET)		COLUMBUS TO M-25, BAY CITY	ROADS - ADDITIONAL LANES UP TO 0.5 MILES	0.780	CON				
BAY	M-84		TWO BRIDGES IN BAY REGION	BRIDGE - APPROACH WORK		CON				
BAY	M-84		M-33 CONNECTOR OVER D&M RAILROAD AND OLD M-76	BRIDGE - SUPERSTRUCTURE REPLACE	0.000	CON				
CLARE	M-84		M-13 AND M-84 OVER WEST CHANNEL SAGINAW RIVER	BRIDGE - SUBSTRUCTURE REPAIR	0.000	CON				
CLARE	M-115 (FIFTH STREET)		WEST CITY LIMITS OF CLARE TO SUNSET STREET	ROADS - RESURFACE, MILL AND PULVERIZE	1.379	CON				
CLARE	US-10		EIGHT STRUCTURES ON US-10 IN CLARE COUNTY	BRIDGE - APPROACH WORK		CON				
CLARE	US-10		US-10 WESTBOUND OVER MDOT RAILROAD	BRIDGE - MMSC PREVENTIVE MAINTENANCE	0.000	CON				
CLARE	US-10		US-10 EASTBOUND OVER MDOT RAILROAD	BRIDGE - MMSC PREVENTIVE MAINTENANCE	0.000	CON				
CLARE	US-10		US-10 WESTBOUND OVER M-115	BRIDGE - MMSC PREVENTIVE MAINTENANCE	0.000	CON				
CLARE	US-10		US-10 EASTBOUND OVER M-115	BRIDGE - MMSC PREVENTIVE MAINTENANCE	0.000	CON				
CLARE	US-10		OLD STATE ROAD OVER US-10	BRIDGE - MMSC PREVENTIVE MAINTENANCE	0.000	CON				
CLARE	US-10		HARRISON ROAD OVER US-10	BRIDGE - MMSC PREVENTIVE MAINTENANCE	0.000	CON				
CLARE	US-10		GRANT ROAD OVER US-10	BRIDGE - MMSC PREVENTIVE MAINTENANCE	0.000	CON				
CLARE	US-10		US-10 WESTBOUND OVER US-27	BRIDGE - MMSC PREVENTIVE MAINTENANCE	0.000	CON				
CLARE	US-10 (SURREY ROAD)		OSCEOLA COUNTY TO US-10 FREEWAY	ROADS - RESURFACE AND SHOULDERS	9.500	CON				
CLARE	US-10 EB		M-115 TO US-27	ROADS - OVERLAY	7.307	CON				
CLARE	US-10 WB		M-115 TO US-27	ROADS - OVERLAY	7.307	CON				
CLARE	US-27		SIX BRIDGES ON US-27	BRIDGE - APPROACH WORK		CON				
CLARE	US-27		US-27 NORTHBOUND OVER US-27BR AND M-61	BRIDGE - DECK REPLACEMENT	0.000	CON				
CLARE	US-27		US-27 SOUTHBOUND OVER US-27BR AND M-61	BRIDGE - DECK REPLACEMENT	0.000	CON				
CLARE	US-27		US-27 NORTHBOUND OVER US-27BR	BRIDGE - DECK REPLACEMENT	0.000	CON				
CLARE	US-27		US-27 SOUTHBOUND OVER US-27BR	BRIDGE - DECK REPLACEMENT	0.000	CON				
CLARE	US-27		US-27 NORTHBOUND OVER CSX RAILROAD AND US-10	BRIDGE - BRIDGE REPLACEMENT	0.000	CON				

## 2002-2006 FIVE YEAR PLAN

### **Bay Region**

#### **Repair and Rebuild Roads continued**

Bay Region	ROUTE (NAME)	BM III	LOCATION	TYPE OF WORK	LENGTH	2002	2003	2004	2005	2006
CLARE	US-27		US-27 SOUTHBOUND OVER CSX RAILROAD AND US-10 RAMPs, US-10/US-27	BRIDGE - BRIDGE REPLACEMENT ROADS - RESURFACE AND SHOULDERS	0.000 0.000					CON
CLARE	US-27		TOWNLINE LAKE ROAD NORTH TO US-27	ROADS - RESURFACE	2.388					CON
CLARE	US-27BR (CLARE AVENUE)		OLD M-115 NORTH TO SOUTH OF TOBACCO RIVER	ROADS - RESURFACE, CURB AND GUTTER	0.730					CON
CLARE	US-27BR (MCEAVAN STREET)		I-69 EASTBOUND OVER I-475 AND I-475 RAMPS	BRIDGE - OVERLAY	0.000					CON
GENESEE	I-475		I-69 WESTBOUND OVER I-475 AND I-475 RAMPS	BRIDGE - OVERLAY	0.000					CON
GENESEE	I-475		I-475 RAMP E OVER I-475 M-21 UNDER I-475 RAMPS	BRIDGE - OVERLAY	0.000					CON
GENESEE	I-475		I-475 RAMP F OVER I-475, I-69 UNDER I-475 RAMPS	BRIDGE - OVERLAY	0.000					CON
GENESEE	I-475		I-475 RAMPS G & H OVER I-475 RAMPS E & F, M-78, & I-47	BRIDGE - OVERLAY	0.000					CON
GENESEE	I-475		TWO BRIDGES IN GENESEE COUNTY	BRIDGE - APPROACH WORK						CON
GENESEE	I-475		I-75 RAMP B OVER GTW RAILROAD AND I-75	BRIDGE - DECK REPLACEMENT	0.000					CON
GENESEE	I-475		COURT STREET TO WESTBOUND OVER I-475	BRIDGE - DECK REPLACEMENT	0.000					CON
GENESEE	I-475 & I-69		TWO BRIDGES ON I-475 IN FLINT	BRIDGE - APPROACH WORK						CON
GENESEE	I-475 & I-69		I-475 OVER CSX RAILROAD AND NB SERVICE ROAD	BRIDGE - OVERLAY - SHALLOW	0.000					CON
GENESEE	I-475 & I-69		I-475 OVER M-54 BR (SAGINAW STREET)	BRIDGE - OVERLAY - SHALLOW	0.000					CON
GENESEE	I-69		UNDER LAPEER ROAD IN FLINT	BRIDGE - APPROACH WORK						CON
GENESEE	I-69		LAPEER ROAD OVER I-69	BRIDGE - DECK REPLACEMENT	0.000					CON
GENESEE	I-69		10 BRIDGES IN GENESEE COUNTY	BRIDGE - APPROACH WORK						CON
GENESEE	I-69		I-69 OVER SWARTZ CREEK	BRIDGE - MISC PREVENTIVE MAINTENANCE	0.000					CON
GENESEE	I-69		I-69 OVER SWARTZ CREEK	BRIDGE - MISC PREVENTIVE MAINTENANCE	0.000					CON
GENESEE	I-69		I-75 RAMP A AND C OVER SWARTZ CREEK	BRIDGE - OVERLAY - DEEP	0.000					CON
GENESEE	I-69		I-75 RAMP H AND M OVER SWARTZ CREEK	BRIDGE - DECK REPLACEMENT	0.000					CON
GENESEE	I-69		I-75 RAMP L OVER SWARTZ CREEK	BRIDGE - DECK REPLACEMENT	0.000					CON
GENESEE	I-69		I-75RAMP D OVER GTW RAILROAD	BRIDGE - DECK REPLACEMENT	0.000					CON
GENESEE	I-69		12TH STREET RELOCATED OVER I-475	BRIDGE - OVERLAY - SHALLOW	0.000					CON
GENESEE	I-69		SERVICE ROAD OVER RAMP D I-69 AND I-475 INTERCHANGE	BRIDGE - OVERLAY - SHALLOW	0.000					CON
GENESEE	I-69		OVER I-475 SOUTH ON RAMP C	BRIDGE - OVERLAY - DEEP	0.000					CON
GENESEE	I-69		FIFTH STREET OVER I-475 AND RAMPS C AND D	BRIDGE - OVERLAY - DEEP	0.000					CON
GENESEE	I-69		I-69 FROM BELSAY TO IRISH	ROADS - RECONSTRUCTION	2.740					CON
GENESEE	I-69		I-69/I-475/I-75 INTERCHANGE RAMPS	ROADS - LONG AND TRANSVERSE JOINT REPAIRS	0.000					CON
GENESEE	I-69 & I-475		TWO BRIDGES IN FLINT	BRIDGE - APPROACH WORK						CON
GENESEE	I-69 & I-475		I-69 ON RAMP AND (9TH) OVER I-69 AND I-475 RAMP A	BRIDGE - OVERLAY - SHALLOW	0.000					CON
GENESEE	I-69 & I-475		EIGHTH STREET SERVICE ROAD OVER I-475 RAMP D	BRIDGE - OVERLAY - SHALLOW	0.000					CON
GENESEE	I-75		I-475 TO SOUTH OF M-57	ROADS - RESTRUCTURE AND ADD LANE(S)	4.825					CON
GENESEE	I-75		OAKLAND COUNTY LINE TO I-475		5.634					CON
GENESEE	I-75		FOUR STRUCTURES OVER I-75	BRIDGE - APPROACH WORK						CON
GENESEE	I-75		DODGE ROAD OVER I-75	BRIDGE - OVERLAY - DEEP	0.000					CON

## 2002-2006 FIVE YEAR PLAN

### Bay Region

#### **Repair and Rebuild Roads continued**

Bay Region	ROUTE (NAME)	BM II	LOCATION	TYPE OF WORK	LENGTH	2002	2003	2004	2005	2006
GENESEE	I-75		WILSON ROAD OVER I-75	BRIDGE - OVERLAY - DEEP	0.000	CON				
GENESEE	I-75		FARRAND ROAD OVER I-75	BRIDGE - OVERLAY - DEEP	0.000	CON				
GENESEE	I-75		LAKE ROAD OVER I-75	BRIDGE - MISC PREVENTIVE MAINTENANCE	0.000	CON				
GENESEE	I-75		OVER BRENT RUN CREEK AND PINE RUN CREEK	BRIDGE - APPROACH WORK		CON				
GENESEE	I-75		I-75 US-23 (NBD) OVER BRENT RUN CREEK	BRIDGE - SUPERSTRUCTURE REPLACEMENT	0.000	CON				
GENESEE	I-75		I-75 US-23 OVER BRENT RUN CREEK	BRIDGE - SUPERSTRUCTURE REPLACEMENT	0.000	CON				
GENESEE	I-75		NORTHBOUND AND SOUTHBOUND OVER CSX RAILROAD	BRIDGE - APPROACH WORK		CON				
GENESEE	I-75		I-75 NORTHBOUND OVER CSX RAILROAD	BRIDGE - OVERLAY - DEEP	0.000	CON				
GENESEE	I-75		I-75 SOUTHBOUND OVER CSX RAILROAD	BRIDGE - OVERLAY - DEEP	0.000	CON				
GENESEE	I-75		BRIDGES ON I-75, GENESEE COUNTY	BRIDGE - APPROACH WORK		CON				
GENESEE	I-75		SOUTHBOUND M-54 OVER I-75	BRIDGE - OVERLAY - DEEP	0.000	CON				
GENESEE	I-75		I-75 SOUTHBOUND OVER COOK ROAD	BRIDGE - OVERLAY - DEEP	0.000	CON				
GENESEE	I-75		I-75 NORTHBOUND OVER COOK ROAD	BRIDGE - OVERLAY - DEEP	0.000	CON				
GENESEE	I-75		M-54 (DORT HIGHWAY) OVER I-75 SOUTHBOUND	BRIDGE - PAINTING COMPLETE	0.000	CON				
GENESEE	I-75		M-54 (DORT HIGHWAY) OVER I-75 NORTHBOUND	BRIDGE - PAINTING COMPLETE	0.000	CON				
GENESEE	I-75		I-475 SOUTHBOUND OVER I-75 NORTHBOUND	BRIDGE - OVERLAY - DEEP	0.000	CON				
GENESEE	M-13 (SHERIDAN)		I-69 TO SOUTH STREET, LENNON	ROADS - RESURFACE, MILL AND PULVERIZE	1.310	CON				
GENESEE	M-13 (SHERIDAN)		SOUTH STREET TO LENNON ROAD, LENNON	ROADS - RESTRUCT, NO WIDENING	0.290	CON				
GENESEE	M-13 (SHERIDAN)		LENNON ROAD TO M-21	ROADS - RESURFACE, MILL AND PULVERIZE	0.800	CON				
GENESEE	M-15 (STATE ROAD)		SOUTH OF MILLINGTON	ROADS - RESURFACE AND SHOULDER S	6.280	CON				
GENESEE	M-15 (STATE ROAD)		DAVISON ROAD TO DODGE ROAD	ROADS - RESURFACE, MILL AND PULVERIZE	8.090	CON				
GENESEE	M-21 (COURT STREET)		MILLER ROAD TO I-475, FLINT	ROADS - RESURFACE, CURB AND GUTTER	1.054	CON				
GENESEE	M-54 (DORT HIGHWAY)		BRISTOL ROAD NORTH TO HEMPHILL ROAD	ROADS - ADDITIONAL LANES	0.500	CON				
GENESEE	M-54 (DORT HIGHWAY)		ROBERT T. LONGWAY TO LEITH	ROADS - RESURFACE, MILL AND PULVERIZE	1.220	CON				
GENESEE	M-54 (DORT HIGHWAY)		LEITH TO STEWART	ROADS - RESURFACE, MILL AND PULVERIZE	1.130	CON				
GENESEE	M-54BR (SAGINAW STREET)		ATHERTON TO SECOND	ROADS - RESURFACE, CURB AND GUTTER	1.410	CON				
GENESEE	M-57 (VIENNA ROAD)		M-54 TO WEST CITY LIMITS OF CLIO TO RAILROAD CROSSING	ROADS - RESTRUCT, NO WIDENING	1.500	CON				
GENESEE	US-23		SEVEN BRIDGES ON US-23 AND I-75	BRIDGE - APPROACH WORK		CON				
GENESEE	US-23		US-23 SOUTHBOUND OVER SHIAWASSEE RIVER	BRIDGE - OVERLAY - SHALLOW	0.000	CON				
GENESEE	US-23		HILL ROAD OVER I-75	BRIDGE - SUPERSTRUCTURE REPLACEMENT	0.000	CON				
GENESEE	US-23		I-75 SOUTHBOUND OVER US-23 NORTHBOUND	BRIDGE - OVERLAY - SHALLOW	0.000	CON				
GENESEE	US-23		M-54BR SAGINAW ROAD OVER THREAD CREEK	BRIDGE - SUPERSTRUCTURE REPLACEMENT	0.000	CON				
GENESEE	US-23		US-23 NORTHBOUND OVER SHIAWASSEE RIVER	BRIDGE - OVERLAY - SHALLOW	0.000	CON				
GENESEE	US-23		US-23 NORTHBOUND OVER GTW RAILROAD AND US-23 BR	BRIDGE - OVERLAY - DEEP	0.000	CON				
GENESEE	US-23		NORTHBOUND AND SOUTHBOUND OVER SWARTZ CREEK	BRIDGE - APPROACH WORK		CON				
GENESEE	US-23		US-23 NORTHBOUND OVER SWARTZ CREEK	BRIDGE - DECK REPLACEMENT	0.000	CON				

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### Bay Region

#### **Repair and Rebuild Roads continued**

Bay Region	ROUTE (NAME)	BM II	LOCATION	TYPE OF WORK	LENGTH	2002	2003	2004	2005	2006
GENESEE	US-23		US-23 SOUTHBOUND OVER SWARTZ CREEK OVER LITTLE SALT CREEK	BRIDGE - DECK REPLACEMENT BRIDGE - APPROACH WORK	0.000	CON				
GRATIOT	M-46		M-46 OVER LITTLE SALT CREEK	BRIDGE - BRIDGE REPLACEMENT	0.000	CON				
GRATIOT	M-46 (MONROE ROAD)		WEST GRATIOT COUNTY TO US-27B US-27 TO US-27, ST LOUIS	ROADS - RESURFACE AND SHOULDER S	8.980	CON				
GRATIOT	M-46 (WASHINGTON AVENUE)		10 BRIDGES IN BAY REGION	ROADS - RESURFACE AND SHOULDER S	5.469	CON				
GRATIOT	M-46, US-27, M-20, M-13		US-27 NORTHBOUND OVER PINE RIVER	BRIDGE - APPROACH WORK		CON				
GRATIOT	M-46, US-27, M-20, M-13		US-27 SOUTHBOUND OVER PINE RIVER	BRIDGE - OVERLAY - DEEP	0.000	CON				
GRATIOT	M-46, US-27, M-20, M-13		M-46 AND US 27BR OVER US-27	BRIDGE - MISC PREVENTIVE MAINTENANCE	0.000	CON				
GRATIOT	M-46, US-27, M-20, M-13		M-46 OVER PINE RIVER	BRIDGE - MISC PREVENTIVE MAINTENANCE	0.000	CON				
GRATIOT	M-46, US-27, M-20, M-13		US-27 BR OVER US-27	BRIDGE - OVERLAY - SHALLOW	0.000	CON				
GRATIOT	M-46, US-27, M-20, M-13		US-27 NORTHBOUND OVER LITTLE SALT RIVER	BRIDGE - OVERLAY - DEEP	0.000	CON				
GRATIOT	M-46, US-27, M-20, M-13		M-20 OVER CHIPPEWA RIVER	BRIDGE - OVERLAY - THIN	0.000	CON				
GRATIOT	M-46, US-27, M-20, M-13		M-20 OVER NORTH BRANCH CHIPPEWA RIVER	BRIDGE - OVERLAY - DEEP	0.000	CON				
GRATIOT	M-46, US-27, M-20, M-13		M-13 OVER CASS RIVER	BRIDGE - OVERLAY - SHALLOW	0.000	CON				
GRATIOT	M-46, US-27, M-20, M-13		US-27 SOUTHBOUND OVER LITTLE SALT RIVER	BRIDGE - OVERLAY - THIN	0.000	CON				
GRATIOT	US27		M-46 TO BLANCHARD ROAD	ROADS - RESURFACE AND SHOULDER S	8.085	CON				
GRATIOT	US-27BR (CENTER STREET)		MAIN STREET EAST TO US-27, ITHACA	ROADS - RESURFACE, MILL AND PULVERIZE	1.330	CON				
HURON	M-25		OVER ELM CREEK	BRIDGE - APPROACH WORK	0.000	CON				
HURON	M-25		M-25 OVER ELM CREEK	BRIDGE - BRIDGE REPLACEMENT	0.000	CON				
HURON	M-25		TWO BRIDGES ON M-25 IN HURON COUNTY	BRIDGE - APPROACH WORK		CON				
HURON	M-25		M-25 OVER NEW RIVER	BRIDGE - OVERLAY - DEEP	0.000	CON				
HURON	M-25		M-25 OVER WILLOW CREEK	BRIDGE - MISC PREVENTIVE MAINTENANCE	0.000	CON				
HURON	M-25		OVER ROCK FALLS CREEK	BRIDGE - APPROACH WORK		CON				
HURON	M-25		M-25 OVER ROCK FALLS CREEK	BRIDGE - BRIDGE REPLACEMENT	0.000	CON				
HURON	M-25 (LAKE SHORE)		HURON COUNTY LINE TO HELENA	ROADS - OVERLAY AND JOINTS	6.100	CON				
HURON	M-25 (LAKE SHORE)		HARBOR BEACH SOUTH TO NORTH CITY LIMITS	ROADS - RECONSTRUCT, NO WIDENING		CON				
HURON	M-25 (UNIONVILLE ROAD)		PINE TO CANBORO, SEBEWAING	ROADS - RESURFACE AND DRAINAGE IMPROVEMENT	1.060	CON				
HURON	M-53 (VAN DYKE ROAD)	BM II	M-53, SEBEWAING TO POPPL	PASSING RELIEF LANES	0.470	CON				
HURON	M-53 (VANDYKE)		SOUTH HURON COUNTY LINE TO SEBEWAING ROAD	ROADS - RESURFACE AND SHOULDER S	1.750	CON				
HURON	M-53 (VANDYKE)		SOUTH POPPLE TO OUTER DRIVE, BAD AXE	ROADS - RESURFACE AND SHOULDER S	4.010	CON				
HURON	M-53 (VANDYKE)		M-142 TO M-25	ROADS - RESURFACE	5.720	CON				
ISABELLA	M-20 (REMUS ROAD)		BRADLEY TO CHIP RIVER	ROADS - RESURFACE, CURB AND GUTTER	15.420	CON				
ISABELLA	US-27		THREE BRIDGES IN BAY REGION	BRIDGE - APPROACH WORK	0.570	CON				
ISABELLA	US-27		US-27 NORTHBOUND OVER M-20	BRIDGE - OVERLAY - DEEP	0.000	CON				
ISABELLA	US-27		US-27 SOUTHBOUND OVER M-20	BRIDGE - OVERLAY - DEEP	0.000	CON				
ISABELLA	US-27		GARFIELD ROAD OVER US-10	BRIDGE - OVERLAY - SHALLOW	0.000	CON				

## 2002-2006 FIVE YEAR PLAN

### Bay Region

#### **Repair and Rebuild Roads continued**

Bay Region	ROUTE (NAME)	BM III LOCATION	TYPE OF WORK	LENGTH	2002	2003	2004	2005	2006
LAPEER	M-24 (LAPEER ROAD)	BM III M-24 FROM M-90 TO CASTLE OVER US-10	PASSING RELIEF LANES BRIDGE - APPROACH WORK	1.150	CON				
MIDLAND	M-18	M-18 OVER US-10 OVER BUFF CREEK	BRIDGE - OVERLAY - SHALLOW BRIDGE - APPROACH WORK	0.000	CON				
MIDLAND	M-18	M-18 OVER BUFF CREEK	BRIDGE - APPROACH WORK	0.000	CON				
MIDLAND	M-18	UNDER ASHMAN ROAD	BRIDGE - APPROACH WORK	0.000	CON				
MIDLAND	US-10	ASHMAN ROAD OVER US-10	BRIDGE - OVERLAY - SHALLOW BRIDGE - APPROACH WORK	0.000	CON				
MIDLAND	US-10	UNDER JEFFERSON ROAD	BRIDGE - APPROACH WORK	0.000	CON				
MIDLAND	US-10	JEFFERSON ROAD OVER US-10	BRIDGE - OVERLAY - SHALLOW	0.000	CON				
MIDLAND	US-10 BR (DIFFERENT ROADS)	BOOKNESS TO WASHINGTON WASHINGTON TO US-10 FREEWAY, MIDLAND	ROADS - MISC REHABILITATION ROADS - RESURFACE AND SHOULDERS	2.768	CON				
MIDLAND	US-10BR (EASTMAN ROAD)	M-57 TO I-675	ROADS - RESURFACE	2.500	CON				
SAGINAW	I-75	OVER SAGINAW RIVER, GTW RAILROAD, M-13	BRIDGE - APPROACH WORK	19.395	CON				
SAGINAW	I-75	I-75 NB OVER SAGINAW RIVER, GTW RAILROAD AND M-13	BRIDGE - JOINT REPLACEMENT	0.000	CON				
SAGINAW	I-75	I-75 SB OVER SAGINAW RIVER, GTW RAILROAD AND M-13	BRIDGE - JOINT REPLACEMENT	0.000	CON				
SAGINAW	M-46 (HOLLAND AVENUE)	PORTSMOUTH ROAD TO M-15	ROADS - RESURFACE	8.425	CON				
SAGINAW	M-47	NORTHBOUND AND SOUTHBOUND OVER CSX RAILROAD	BRIDGE - APPROACH WORK	0.000	CON				
SAGINAW	M-47	M-47 NORTHBOUND OVER CSX RAILROAD	BRIDGE - SUPERSTRUCTURE REPLACEMENT	0.000	CON				
SAGINAW	M-47	M-47 SOUTHBOUND OVER CSX RAILROAD	BRIDGE - SUPERSTRUCTURE REPLACEMENT	0.000	CON				
SAGINAW	M-57	TWO BRIDGES OVER BEAR CREEK	BRIDGE - APPROACH WORK	0.000	CON				
SAGINAW	M-57	M-57 OVER BEAR CREEK	BRIDGE - BRIDGE REPLACEMENT	0.000	CON				
SAGINAW	M-57	M-57 OVER BRANCH OF BEAR CREEK	BRIDGE - WIDEN-MAINTAIN LANES	0.000	CON				
SAGINAW	M-57 (PEET ROAD)	M-52 TO RAILROAD CROSSING	ROADS - RESURFACE, MILL AND PULVERIZE	2.370	CON				
SAGINAW	M-83 (GERA ROAD)	NORTH CITY LIMITS OF FRANKENMUTH TO M-46	ROADS - RESURFACE, MILL AND PULVERIZE	4.850	CON				
SAGINAW	M-83 (GERA ROAD)	M-46 TO M-15	ROADS - RESURFACE, MILL AND PULVERIZE	1.614	CON				
SAGINAW	M-84 (BAY ROAD)	M-58 TO KOCHVILLE	ROADS - RESURFACING	3.800	CON				
SANILAC	M-46 (SANILAC ROAD)	M-19 TO GATES	ROADS - OVERLAY AND JOINTS	3.970	CON				
SANILAC	M-46 (SANILAC ROAD)	RUTH ROAD TO WEST VILLAGE LIMITS OF CARSONVILLE	ROADS - RESURFACE, MILL AND PULVERIZE	2.490	CON				
SANILAC	M-53 & M-19	TWO BRIDGES IN SANILAC COUNTY	BRIDGE - APPROACH WORK	0.000	CON				
SANILAC	M-53 & M-19	M-53 OVER SOUTH BRANCH CASS RIVER	BRIDGE - DECK REPLACEMENT	0.000	CON				
SANILAC	M-53 & M-19	M-19 OVER HALE CREEK	BRIDGE - CULVERT REPLACEMENTS	0.000	CON				
SANILAC	M-53 (VAN DYKE ROAD)	M-81 NORTH TO HURON COUNTY LINE	ROADS - RESURFACING	5.046	CON				
SANILAC	M-53 (VANDYKE)	M-46 TO SEVERENCE ROAD	ROADS - RESURFACE, MILL AND PULVERIZE	9.010	CON				
TUSCOLA	M-138 (AKRON ROAD)	WEST VILLAGE LIMITS TO EAST VILLAGE LIMITS OF AKRON	ROADS - RESURFACE AND DRAINAGE IMPROVEMENT	0.990	CON				
TUSCOLA	M-138 (FAIRGROVE ROAD)	VASSAR ROAD TO FAIRGROVE	ROADS - RESURFACE AND DRAINAGE IMPROVEMENT	2.470	CON				
TUSCOLA	M-138 (HIGGINS RD/AKRON RD)	NORTH VILLAGE LIMITS OF FAIRGROVE TO WEST VILLAGE LIMIT	ROADS - RESURFACE, MILL AND PULVERIZE	3.440	CON				
TUSCOLA	M-15 (HURON STREET)	NORTH CITY LIMITS OF VASSAR TO M-46	ROADS - RESURFACE, MILL AND PULVERIZE	4.540	CON				

## 2002-2006 FIVE YEAR PLAN

### Bay Region Repair and Rebuild Roads continued

Bay Region COUNTY	ROUTE (NAME)	BM III	LOCATION	TYPE OF WORK	LENGTH	2002	2003	2004	2005	2006
TUSCOLA	M-15 (STATE ROAD)		SOUTH VILLAGE LIMITS OF VASSAR TO CASS RIVER	ROADS - RESURFACE AND MINOR WIDENING	0.954	CON				
TUSCOLA	M-81 (STATE STREET)		COLLING TO M-24, CARO	ROADS - RESURFACE, MILL AND PULVERIZE	1.916				CON	
					241.918					

241.918

## 2002-2006 FIVE YEAR PLAN

Bay Region COUNTY	ROUTE (NAME)	BM III	LOCATION	TYPE OF WORK	LENGTH	2002	2003	2004	2005	2006
<b>Committed Capacity Improvement</b>										
GENESEE	I-75		I-475 TO SAGINAW COUNTY	RECONSTRUCT AND ADD LANE(S)	8.385	CON	CON			
GENESEE	I-75		AT M-121(BRISTOL ROAD) INTERCHANGE	INTERCHANGE REDESIGN AND UPGRADING	1.280	EPE	PE			CON
LAPEER	M-24		SOUTH LAPEER COUNTY LINE TO I-69	ADD LANE(S)	9.894	EPE, PE, ROW	PE, ROW	PE, ROW, CON	CON	CON
BAY	M-84	BM III	NORTH OF PIERCE ROAD TO SOUTH OF DELTA ROAD	ADD LANE(S)	2.990	PE, ROW	PE, CON	CON	CON	
SAGINAW	M-84		SOUTH OF KOCHVILLE TO NORTH OF PIERCE	RECONSTRUCT AND ADD LANE(S)	1.550	ROW, CON				
BAY	M-84	BM III	NORTH OF DELTA ROAD TO EUCLID AVENUE	RECONSTRUCT AND ADD LANE(S)	2.998	PE, ROW	CON	CON		
CLARE	US-27		US-10 TO HATTON	WIDEN- ADD LANES	8.130	CON				
					35.227					
<b>Capacity Improvement Research</b>										
GENESEE	I-75		NORTH TO SOUTH JUNCTION OF I-475, FLINT	ADD 1+ LANE 0.5 MI LONG	13.650	EPE				
GENESEE	M-15		I-75 TO I-69	STUDY	10.040	EPE				
GRATIOT	US-27		NORTH OF ST JOHNS TO ITHACA	STUDY	9.000	EPE, PE, ROW	PE, ROW	ROW	ROW	
					32.690					